Index of Claims

| Application No. | Applicant(s)   |  |  |  |  |  |  |  |  |  |  |
|-----------------|----------------|--|--|--|--|--|--|--|--|--|--|
| 09/900,420      | MATTEAU ET AL. |  |  |  |  |  |  |  |  |  |  |
| Examiner        | Art Unit       |  |  |  |  |  |  |  |  |  |  |

3611

Rejected Allowed

(Through numeral)
Cancelled Restricted

Non-Elected N Interference

Cassandra Davis

Appeal 0 Objected

| Cla  | aim      | Date     |                 |           |          |                 |          |          | <b>-</b>  | CI       | aim  | Date     |  |  |  |  |                 |          |               |        | ៈ[          | Cla  | aim   | Date     |          |          |           |          |          |          |          |           |          |
|--|----------|----------|-----------------|-----------|----------|-----------------|----------|----------|-----------|----------|--|----------|--|--|--|--|-----------------|----------|---------------|--------|-------------|------|-------|----------|----------|----------|-----------|----------|----------|----------|----------|-----------|----------|
|  |          | 1/       |                 |           |          | Т               | Т        | Т        | Т         |          |  | Ì        |  |  |  |  |                 |          |               | Т      | 7           | Ť    |       |          |          |          |           |          |          |          |          | $\neg$    | $\sqcap$ |
| Final  | Original | 0        |                 |           | 1        |                 |          |          | -         |          | Final  | Original | 4/10/04  | t  |  |  |                 | .        |               |        | 1::         |      | Final | Original |          |          |           |          |          |          |          |           |          |
| ≟  | E        | 10)      |                 |           |          |                 |          |          |           |          | 造  | 윤        | 3  | ł  | 1  |  |                 |          |               |        |             |      | 這     | rig      |          |          |           |          |          |          |          |           |          |
|  | 0        | i)       |                 |           |          |                 |          |          | -         |          |  | ١٥       | 8  | ł  |  |  |                 |          |               |        |             | :    |       | 0        |          |          |           |          |          |          |          |           |          |
|  | 1        |          |                 | T         | $\top$   | 十               | 一        | T        | $\dashv$  |          |  | 51       | =  | Π  |  |  |                 |          | $\neg \vdash$ | T      |             | -    |       | 101      |          |          |           |          |          |          |          | $\neg$    | П        |
|  | 2        |          |                 |           | 1        | T               | T        | T        | 7         |          |  | 52       | 1  |  | Г  | Г  |                 | $\neg$   | $\neg$        | T      |             | 1    |       | 102      |          |          |           |          |          |          | ヿ        | $\neg$    |          |
|  | 3        |          |                 | T         | $\dashv$ | $\neg$          | $\neg$   | $\top$   | $\dashv$  |          |  | 53       | 1  | T  |  |  |                 |          |               | 1      |             | ı    |       | 103      |          |          |           |          |          |          | $\neg$   | $\neg$    | $\neg$   |
|  | 4        |          |                 | T         | 寸        | 寸               | $\top$   | 十        | $\dashv$  |          |  | 54       | 1  | Г  |  |  |                 | ヿ        | $\top$        | 1      |             | Ť    |       | 104      |          |          |           |          |          |          | $\neg$   | ヿ         | П        |
|  | 5        |          |                 | Ť         | 寸        | 十               | $\top$   | 十        | $\top$    |          |  | 55       | 1  | Т  | $\vdash$   |  |                 | ╛        | $\top$        | ┪      |             | ŀ    |       | 105      |          |          |           |          |          |          |          | $\neg$    |          |
|  | 6        |          |                 | T         | ╅        | 寸               | ┪        | T        | 寸         | 7        |  | 56       | Ħ  | 1  | ऻ  |  |                 | ┪        | $\top$        | 十      |             | ı    |       | 106      |          |          | $\neg$    |          | П        |          |          | $\exists$ |          |
|  | 7        |          |                 | T         | 7        | 7               |          | T        | $\dashv$  |          |  | 57       |  | Г  | Г  | Г  |                 |          | $\top$        | 十      | 7::         | 1    |       | 107      |          |          |           |          |          |          |          | $\neg$    | П        |
|  | 8        | Г        |                 |           | $\neg$   | $\neg \uparrow$ |          | 1        | _         |          |  | 58       | П  | Г  |  |  |                 | ヿ        |               | 十      | 7           | ı    |       | 108      |          |          |           |          |          |          |          |           |          |
|  | 9        | Г        |                 |           | $\neg$   | $\neg$          | $\neg$   | 7        | $\neg$    |          |  | 59       | П  | П  |  |  |                 | ヿ        | $\neg$        | $\top$ | 7           | Ť    |       | 109      |          |          |           |          |          |          |          | $\neg$    | П        |
|  | 10       |          |                 | T         | 7        | _               | $\top$   | T        | $\exists$ |          |  | 60       | Ħ  | T  | Г  |  |                 | T        |               | ┪      |             | Ì    |       | 110      |          |          |           |          |          |          | $\Box$   | $\neg$    | $\Box$   |
|  | 11       |          | T               |           | _        | $\top$          |          | T        | $\neg$    |          |  | 61       | 1  | İ  |  |  |                 | T        |               | 十      | 7::         | 1    |       | 111      |          |          |           |          |          |          |          | $\neg$    | $\Box$   |
|  | 12       |          | $\sqcap$        | 寸         | $\dashv$ | 十               | 7        | 十        | $\dashv$  |          |  | 62       | E  | Ι  |  | П  |                 | T        | $\neg$        | T      | 1           | Ì    |       | 112      |          |          |           |          |          |          | $\dashv$ | $\dashv$  | $\sqcap$ |
|  | 13       |          |                 | ┪         | 7        | _               | $\top$   | 十        | $\neg$    |          |  | 63       |  | $\vdash$   | Г  |  |                 |          | $\top$        | 十      | 7           | ı    |       | 113      |          |          | $\neg$    |          |          |          | $\neg$   | $\dashv$  | П        |
| <u> </u>   | 14       |          |                 | _         | $\top$   | $\dashv$        | $\top$   | 十        | $\top$    |          |  | 64       |  | T  |  | П  |                 | 一        | $\top$        | ┪      | 7           | Ì    |       | 114      |          |          |           |          |          |          | 一        | $\neg$    | $\neg$   |
|  | 15       |          | $\Box$          | 寸         | $\dashv$ | $\top$          | 十        | $\top$   | $\dashv$  | 7        |  | 65       | T  | T  |  | П  |                 | 一        | $\top$        | $\top$ | 7           | ŀ    |       | 115      |          | П        | $\exists$ |          |          |          | $\dashv$ | $\dashv$  | $\sqcap$ |
|  | 16       |          |                 | Ť         | 十        | 十               | 十        | Ť        | $\dashv$  | 7        |  | 66       | t  | T  | $\vdash$   |  | $\Box$          | _        | $\dashv$      | 十      |             | ŀ    |       | 116      |          |          | $\neg$    |          |          |          | 一        | $\dashv$  | $\Box$   |
|  | 17       |          |                 | Ť         | 十        | 十               | $\dashv$ | Ť        | $\dashv$  |          |  | 67       | -60  | l  | <u> </u>   |  |                 |          |               | ┪      |             | ŀ    |       | 117      | _        |          |           |          |          |          | _        |           | $\Box$   |
|  | 18       |          |                 | 1         | $\top$   | 十               | 1        | 十        | _         | <b>-</b> |  | 68       | æ  |  | -  | -  |                 |          | $\neg$        | ┪      | <b>-</b>    | ŀ    |       | 118      |          |          |           |          |          |          | $\neg$   |           | $\Box$   |
|  | 19       |          | Ħ               | $\dagger$ | $\dashv$ | 十               | $\dashv$ | $\top$   | $\dashv$  |          |  | 69       | -  |  | _  | <del>                                     </del> | П               | $\neg$   | +             | +      |             | ŀ    |       | 119      |          |          |           |          |          |          | $\neg$   | $\neg$    |          |
|  | 20       |          |                 | Ť         | 十        | 寸               | $\dashv$ | T        | $\top$    |          | -  | 70       |  | <u> </u>   |  |  |                 |          | $\neg$        | ╅      |             | ì    |       | 120      |          |          |           |          |          |          | 一        | $\neg$    | $\sqcap$ |
| $\vdash$   | 21       | ┢        |                 | $\dashv$  | $\top$   | 7               | $\dashv$ | 1        | $\top$    |          |  | 71       | 1  | !  | Н  | Н  | $\vdash$        | 寸        | $\top$        | +      | $\dashv ::$ | 1    |       | 121      |          |          |           |          | -        |          | $\dashv$ | _         | $\Box$   |
|  | 22       | Г        |                 | _         | $\dashv$ | 十               | _        | 十        | $\top$    |          |  | 72       |  | <b>†</b>   | T  |  |                 | 7        | 1             | T      | 1::         | t    |       | 122      |          |          | _         | _        |          |          | $\dashv$ | $\dashv$  | $\sqcap$ |
|  | 23       | Ħ        |                 | _         | $\dashv$ | 7               |          | 7        | _         | -        |  | 73       | 1  | t  | Ħ  | П  |                 | 1        | $\neg$        | T      | 7:::        | ŀ    |       | 123      |          |          | _         |          |          | _        | $\neg$   | $\dashv$  | $\sqcap$ |
|  | 24       |          | $\dashv$        | $\dashv$  | $\dashv$ | _               | $\dashv$ | +        | $\dashv$  | -        | <u> </u>   | 74       |  | $\vdash$   | H  |  | Н               |          | $\top$        | 十      | 1::         | ł    |       | 124      |          |          | _         |          |          |          | $\dashv$ | $\dashv$  | $\vdash$ |
|  | 25       |          | $\vdash$        | $\dashv$  | $\dashv$ | ╅               | $\dashv$ | +        | 十         | -        |  | 75       | H  |  | H  |  |                 | 1        | 1             | ╁      | -           | 1    | _     | 125      |          | Н        | -         | _        |          |          | $\dashv$ | $\dashv$  | $\vdash$ |
|  | 26       |          | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$        | $\dashv$ | ┪        | $\dashv$  | -        | <u> </u>   | 76       | H  | ┢  | H  |  |                 | _        | +             | +      |             | t    |       | 126      |          | Н        | _         |          | -        |          | $\dashv$ | $\dashv$  | $\dashv$ |
|  | 27       | Н        | $\vdash$        | $\dashv$  | $\dashv$ | +               | $\dashv$ | +        | +         | -        | $\vdash$   | 77       | $\vdash$   | $\vdash$   |  | Н  | Н               | $\dashv$ | $\dashv$      | +      | - ∷         | ŀ    |       | 127      |          | $\neg$   |           | _        |          | -        |          | $\dashv$  | Н        |
|  | 28       | H        | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$        |          | 十        | +         |          |  | 78       | H  | t  | H  | $\vdash$   | Н               | $\dashv$ | o             | +      | ⊣∷          | 1    |       | 128      | _        | $\neg$   |           | $\dashv$ | -        |          | $\dashv$ | $\dashv$  | $\dashv$ |
|  | 29       | ┢        | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$        |          | +        | $\dashv$  | -        | $\vdash$   | 79       | $\vdash$   | $\vdash$   | H  |  |                 | _        | +             | ╅      | -           | 1    |       | 129      |          |          | _         |          |          |          | ᅥ        | $\dashv$  |          |
|  | 30       | ┢╌       | $\vdash$        | $\dashv$  | $\dashv$ | +               | $\dashv$ | $\dashv$ | +         | $\dashv$ | <b>—</b>   | 80       | ┪  | 一  | H  |  |                 | -        |               | ╁      | -           | 1    |       | 130      | -        | -        | _         |          |          |          | $\dashv$ | $\dashv$  | $\vdash$ |
| _  | 31       |          |                 | $\dashv$  | +        | 十               | -        | 十        | $\dashv$  |          |  | 81       | ┢  | $\vdash$   | ╁  |  | $\vdash$        |          | $\dashv$      | +      | -           | ŀ    |       | 131      |          |          |           | -        |          | -        |          | $\dashv$  | Н        |
|  | 32       | ┢        | $\vdash$        | $\dashv$  | $\dashv$ | 十               | $\dashv$ | +        | $\dashv$  | -        |  | 82       | ┢  | ┢  | ┢  |  | Н               | $\dashv$ | +             | +      | -           | ł    |       | 132      |          | $\vdash$ |           |          |          | _        | -        | 一         | $\dashv$ |
|  | 33       | -        | $\vdash$        | $\dashv$  | 十        | 十               | $\dashv$ | +        | +         | -        |  | 83       | 一  | H  | ┢  |  |                 | <b>-</b> | +             | +      | -           | ŀ    |       | 133      |          |          |           | $\neg$   | -        | _        | $\dashv$ | $\dashv$  |          |
| $\vdash$   | 34       | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$ | ┪               | +        | $\dashv$ | +         | $\dashv$ | $\vdash$   | 84       | $\vdash$   | t  | ╁╌   | <del> </del>                                     | Н               |          | 十             | +      | $\dashv$    | ŀ    |       | 134      |          | $\vdash$ |           | $\dashv$ | -        | $\vdash$ | -        | $\dashv$  | $\neg$   |
|  | 35       | $\vdash$ | +               | $\dashv$  | 十        | ┪               | $\dashv$ | $\dashv$ | +         | -        | <b>-</b>   | 85       | ╁  | $t^-$  | <del>                                     </del> | $\vdash$   | $\vdash$        | $\dashv$ | +             | +      | $\dashv$    | 1    |       | 135      |          |          |           | -        |          | -        | $\dashv$ | $\dashv$  | Н        |
| $\vdash$   | 36       | Н        | $\vdash$        | +         | $\dashv$ | $\dashv$        | +        | +        | $\dashv$  |          | <b></b>  | 86       | ╁  | $\vdash$   | $\vdash$   | $\vdash$   | Н               | $\dashv$ | +             | +      | Ⅎ∷          | ŀ    |       | 136      | -        | $\vdash$ |           | $\vdash$ | -        | Н        | $\dashv$ | $\dashv$  | $\dashv$ |
| -  | 37       | П        | $\dashv$        | +         | +        | +               | _        | +        | +         |          | <b>—</b>   | 87       | t  | <del>                                     </del> | $\vdash$   | $\vdash$   | H               | $\dashv$ | $\dashv$      | +      | ╣           | 1    |       | 137      |          | $\vdash$ |           | $\vdash$ | -        | Н        | $\dashv$ | $\dashv$  | $\Box$   |
| $\vdash$   | 38       | Н        | $\vdash \vdash$ | +         | 十        | +               | $\dashv$ | $\dashv$ | $\dashv$  |          | <del></del>                                      | 88       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$        | $\dashv$ | +             | +      | $\dashv$    | :: - |       | 138      | _        | $\vdash$ |           | $\vdash$ |          | $\vdash$ | $\vdash$ | $\dashv$  | $\vdash$ |
|  | 39       | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$  | -        | $\vdash$   | 89       | $\vdash$   | $\vdash$   | İΤ   | $\vdash$   | Н               | $\dashv$ | $\dashv$      | +      | 1           | 1    |       | 139      | _        | $\vdash$ | $\vdash$  | $\vdash$ | -        | $\vdash$ | -        | -         | $\vdash$ |
| $\vdash$   | 40       | Ξ        | $\vdash \vdash$ | $\dashv$  | $\dashv$ | +               | +        | +        | +         |          | <del>                                     </del> | 90       | +-   | $\vdash$   | ╁  | $\vdash$   | Н               | $\dashv$ | $\dashv$      | +      | -           | 1    |       | 140      |          | $\vdash$ | $\dashv$  | Н        |          | Н        | $\dashv$ | $\dashv$  | $\vdash$ |
|  |          | ٤        | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$        | $\dashv$ | +        | $\dashv$  | -        | $\vdash$   | 91       | $\vdash$   | $\vdash$   | ┢  | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$      | +      | -           | 1    |       | 141      |          | $\vdash$ | -         |          | -        | Н        | $\dashv$ | $\dashv$  | $\vdash$ |
| <u> </u>   | 42       | ، د د    | $\vdash$        | +         | $\dashv$ | $\dashv$        | +        | $\dashv$ | +         | $\dashv$ | $\vdash$   | 92       | t  | t  | 1  | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$      | 十      | $\dashv$    | 1    |       | 142      |          | $\vdash$ | $\vdash$  | $\vdash$ | -        | Н        | $\dashv$ | $\dashv$  |          |
| $\vdash$   | 43       | Ē        | +               | +         | ┪        | +               | $\dashv$ | _        | +         |          | -  | 93       | t  | t  | H  | H  | H               | $\dashv$ | $\dashv$      | +      | 1           | 1    |       | 143      |          | $\vdash$ |           |          |          | Н        |          | $\dashv$  | $\vdash$ |
| <b></b>  | 44       | <u>~</u> | $\vdash \vdash$ | $\dashv$  | $\dashv$ | $\dashv$        | +        | $\dashv$ | $\dashv$  | -        | <u> </u>   | 94       | t  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash \vdash$ |          | +             | +      | -           | :    |       | 144      |          | $\vdash$ |           | Н        |          | Н        | $\vdash$ | $\dashv$  | $\vdash$ |
|  | 45       | 117      | $\vdash \vdash$ | +         | +        | $\dashv$        | $\dashv$ | +        | +         | $\dashv$ | <b> </b>   | 95       | +  | <del>                                     </del> | $\vdash$   | $\vdash$   | Н               | $\dashv$ | $\dashv$      | +      | $\dashv$    | 1    |       | 145      | _        | $\vdash$ |           | $\vdash$ | _        | Н        | $\dashv$ | $\dashv$  | $\vdash$ |
| <del>                                     </del> | 46       | ~        | $\vdash$        | +         | $\dashv$ | $\dashv$        | +        | +        | $\dashv$  | -        | $\vdash$   | 96       | t  | ┢  | 1  | $\vdash$   | Н               | +        | +             | +-     | -           | :: - | -     | 146      |          | $\vdash$ | $\vdash$  | $\vdash$ | -        | Н        | $\dashv$ | $\dashv$  | -        |
| $\vdash$   | 47       | $\vdash$ | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$        | +        | +        | +         | -        | $\vdash$   | 97       | $\vdash$   | $\vdash$   | ╁╾   | $\vdash$   | Н               | $\dashv$ | $\dashv$      | +      | - ::        | :: - | -     | 147      | -        | $\vdash$ |           | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$  | $\vdash$ |
| <u> </u>   | 48       | $\vdash$ | $\vdash$        | $\dashv$  | +        | $\dashv$        | +        | +        | +         | -        | $\vdash$   | 98       | +  | $\vdash$   | $\vdash$   | $\vdash$   | Н               | -        | $\dashv$      | +      | -           | 뱕    | -     | 148      | -        | $\vdash$ | $\vdash$  | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$  |          |
| <del>                                     </del> | 49       | H        | $\vdash$        | $\dashv$  | +        | $\dashv$        | +        | 十        | 十         |          | <del> </del>                                     | 99       | <del>                                     </del> | $\vdash$   | $\vdash$   | <del>                                     </del> | Н               | $\dashv$ | $\dashv$      | +      | 4::         | ::   |       | 149      | $\vdash$ | Н        | $\vdash$  | $\vdash$ | -        | Н        | -        | $\dashv$  | $\vdash$ |
| $\vdash$   | 50       | Н        | $\vdash$        | $\dashv$  | $\dashv$ | $\dashv$        | +        | 十        | $\dashv$  | -        |  | 100      | 1  | $\vdash$   | $\vdash$   | -  | Н               | $\dashv$ | $\dashv$      | +      | 4::         | :    |       | 150      | $\vdash$ | $\vdash$ | $\vdash$  | $\vdash$ | -        | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |
|  | 100      | 1        |                 | L         |          |                 |          |          |           |          | :  | 1100     | 1  |  | <u> </u>   | 1  |                 |          | L             |        | _1∺         | ٠:L  |       | 130      |          |          |           | L l      |          |          |          |           | J        |